

# DATA TRACKING AND TECHNICAL FACT SHEET

Permittee: City of Shelton

## PERMIT, ADDRESS, AND FACILITY DATA

PERMIT #: CT0100714 APPLICATION #: 201502821 FACILITY ID. 126-001

<u>Mailing Address:</u> Street: City Hall – 54 Hill Street City: Shelton ST: CT Zip: 06484 Contact Name: Ed Comboni Phone No.: 203-924-1555	<u>Location Address:</u> Street: Riverdale Avenue City: Shelton ST: CT Zip: 06484 Contact Name: Ed Comboni Phone No.: 203-924-1555 E-mail address: e.comboni@cityofshelton.org
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## PERMIT INFORMATION

DURATION 5 YEAR X 10 YEAR \_\_\_\_ 30 YEAR \_\_\_\_

TYPE New \_\_\_\_ Reissuance X Modification \_\_\_\_

CATEGORIZATION POINT (X) NON-POINT ( ) GIS #

NPDES (X) PRETREAT ( ) GROUND WATER(UIC) ( ) GROUND WATER (OTHER) ( )

NPDES MAJOR(MA) X

NPDES SIGNIFICANT MINOR or PRETREAT SIU (SI) \_\_\_\_

NPDES or PRETREATMENT MINOR (MI) \_\_\_\_

COMPLIANCE SCHEDULE YES X NO \_\_\_\_

POLLUTION PREVENTION \_\_\_\_ TREATMENT REQUIREMENT X

WATER QUALITY REQUIREMENT X OTHER \_\_\_\_

## OWNERSHIP CODE

Private \_\_\_\_ Federal \_\_\_\_ State \_\_\_\_ Municipal (town only) X Other public \_\_\_\_

DEP STAFF ENGINEER Stela Marusin

DATE DRAFTED: 5/11/2015

## PERMIT FEES

Discharge Code	DSN Number	Annual Fee
111000d	001-1	\$2,367.50

## **FOR NPDES DISCHARGES**

Drainage Basin Code: 6000 Water Quality Classification Goal: SB Segment: Housatonic River

## **NATURE OF BUSINESS GENERATING DISCHARGE**

*Municipal Sanitary Sewage Treatment*

## **PROCESS AND TREATMENT DESCRIPTION (by DSN)**

*Advanced Biological Treatment with Seasonal chlorination.*

## **RESOURCES USED TO DRAFT PERMIT**

☐ Federal Effluent Limitation Guideline 40CFR 133 Secondary Treatment Category

☐ Performance Standards

☐ Federal Development Document  
name of category

☒ Department File Information

☒ Connecticut Water Quality Standards

☒ Anti-degradation Policy

☐ Coastal Management Consistency Review Form

☐ Other - Explain

#### **BASIS FOR LIMITATIONS, STANDARDS OR CONDITIONS**

☐ Secondary Treatment (Section 22a-430-4(r) of the Regulations of Connecticut State Agencies)

☒ Case-by-Case Determination (See Other Comments)

☒ In order to meet in-stream water quality (See General Comments)

☐ Anti-degradation policy

#### **GENERAL COMMENTS**

The City of Shelton ("Shelton") operates a municipal water pollution control facility ("the facility") located at Seymour. The facility is designed to treat and discharge up to 4.0 million gallons a day of effluent into Housatonic River. The facility currently uses advanced biological treatment with chlorine disinfection to treat effluent before being discharged. Pursuant to Conn. Gen. Stat. § 22a-430, the Department of Energy and Environmental Protection has issued Shelton a permit for the discharge from this facility. Shelton has submitted an application to renew its permit. The Department has made a tentative determination to approve Shelton's application and has prepared a draft permit consistent with that determination.

The most significant changes from the current permit are the inclusion of enterococci and revised fecal coliform limits, Aluminum monitoring to be consistent with the most recent CT Water Quality Standards and Iron monitoring to be consistent with EPA's National Recommended Water Quality Criteria.

#### **SPECIFIC REQUIREMENTS OR REVISIONS**

The Department reviewed the application for consistency with Connecticut's Water Quality Standards and determined that with the limits in the draft permit, including those discussed below, that the draft permit is consistent with maintenance and protection of water quality in accordance with the Tier I Anti-degradation Evaluation and Implementation Review provisions of such Standards.

The need for inclusion of water quality based discharge limitations in this permit was evaluated consistent with Connecticut Water Quality Standards and criteria, pursuant to 40 CFR 122.44(d). Discharge monitoring data was evaluated for consistency with the available aquatic life criteria (acute) and human health (fish consumption only) criteria, considering the zone of influence allocated to the facility where appropriate. In addition to this review, the statistical procedures outlined in the EPA Technical Support Document for Water Quality-based Toxics Control (EPA/505/2-90-001) were employed to calculate the need for such limits. Comparison of the attached monitoring data and its inherent variability with the calculated water quality based limits indicates a low statistical probability of exceeding such limits. Therefore, no water quality based limits were included in the permit at this time.

**WATER QUALITY LIMIT CALCULATIONS** See attached